



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE 6.20.03

In re Application of

Ishiwata, H. et al.

Serial No.: 09/988,322

Group Art Unit: 2828

Filed: November 19, 2001

Examiner: Vy, Hung

For: AUTO POWER CONTROL CIRCUIT FOR LASER DIODE

Honorable Commissioner of Patents
Alexandria, Virginia 22313-1450

AMENDMENT UNDER 37 C.F.R. §1.111

Sir:

In response to the Office Action dated January 16, 2003, please amend the above-identified application as follows:

IN THE CLAIMS:

Please add the following new claims:

1 -- 21. A power control circuit for a laser diode, comprising:
2 an amplifier circuit producing at an output terminal thereof an output voltage
3 responsive to a voltage difference between a reference voltage and a feedback voltage that is
4 indicative of an optical power generated by said laser diode in response to a driving current
5 flowing therethrough, said amplifier circuit including an operational amplifier;
6 a driving circuit responding to said output voltage to control said driving current so as
7 to make said voltage difference small;
8 a capacitor coupled between input and output ends of said operation amplifier; and
9 a first switch coupled in parallel to said capacitor.

1 22. The power control circuit according to claim 21, further comprising:
2 a first resistor coupled to an input end of said operational amplifier; and
3 a second switch coupled to said input end of said operational amplifier through said
4 first resistor. —

05/17/2003 HALI11 00000058 09988322

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